

20010613.qrp v02_n219.qrl.20010613

Date: Wed, 13 Jun 2001 19:03:13 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2219

QRP-L Digest 2219

Topics covered in this issue include:

- 1) [99938] Thanks
by Norman Young <norman_y@yahoo.com>
- 2) [99939] NEQRP SSB NET: AA1MY will be there after 8:00pm
by "ss lyon" <sslyon@megalink.net>
- 3) [99940] Hamboree 25 and Iowa State QRP Convention this weekend!
by "John Burnley" <burnleyia@home.com>
- 4) [99941] Re: Wars and Capacitors
by "Tom Pennebaker" <n4rs@netpath-rc.net>
- 5) [99942] Ft. Tuthill
by "Chris Trask" <ctrask@qwest.net>
- 6) [99943] Re: NEQRP SSB NET: AA1MY will be there after 8:00pm
by "Mike Yettsko" <myettsko@insydesw.com>
- 7) [99944] RE: [99894] Re: QRP Dupe Question
by Brian Kassel <bkassel@dancris.com>
- 8) [99945] Re: Ft. Tuthill
by "Bob Hightower" <nk7m@extremezone.com>
- 9) [99946] Re: POLIVARICON VARIABLE CAPS
by Murphy Chesney <kb3eof@usa.net>
- 10) [99947] wanted icom 735 500hz cw filter
by "Michael Herman" <kc9nf@hotmail.com>
- 11) [99948] Spartan Sprint - The Challenge
by Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
- 12) [99949] Re: NEQRP SSB gathering... flub a dub prop.
by "ss lyon" <sslyon@megalink.net>
- 13) [99950] Re: Ft. Tuthill
by "Chris Trask" <ctrask@qwest.net>
- 14) [99951] Hunting Pesky Texans
by Macstein@aol.com
- 15) [99952] Pesky Texans
by "George, W5YR" <w5yr@att.net>
- 16) [99953] Pesky Texan
by NM5Mike@aol.com
- 17) [99954] Need Replacement for CA3160 Op Amp
by Ron Stone <rsstone@juno.com>
- 18) [99955] Fox: Pesky Texans
by Pete Burbank <plburbank@kih.net>
- 19) [99956] Was My KAM Eeprom is not working properly (results)

- by "Donny Sirait" <dsirait@centrin.net.id>
- 20) [99957] MFJ 33ft Mast?
by ARDUJENSKI@aol.com
- 21) [99958] Antenna Switch Question
by ARDUJENSKI@aol.com
- 22) [99959] Re: MFJ 33ft Mast?
by "Ingo DK3RED" <dk3red@t-online.de>
- 23) [99960] Re: Was My KAM Eprom is not working properly (results)
by "Graeme Zimmer" <gzimmer@optushome.com.au>
- 24) [99961] Re: Wars and Capacitors
by <brownh@hartford-hwp.com>
- 25) [99962] Pesky Texans in NY
by Thomas Jennings <jennings@eznet.net>
- 26) [99963] RE: Antenna Switch Question
by "Sam Billingsley" <sambillingsley@earthlink.net>
- 27) [99964] Re: Was My KAM Eprom is not working properly (results)
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 28) [99965] Re: Need Replacement for CA3160 Op Amp
by "E. Roswell" <eroswell@monmouth.com>
- 29) [99966] Re: Mobile phones may foil stealth bombers
by "Mike Yetsko" <myetsko@insydesw.com>
- 30) [99967] MV1662 Spec Sheet
by "Ed Manuel (N5EM)" <n5em@flash.net>
- 31) [99968] RE: Antenna launching in the 21st century [Novel Length]
by "Bruce Hopkins - KL7H/C6A" <makai@grouper.batelnet.bs>
- 32) [99969] FOX -- Pesky Texan Log
by "Chuck Carpenter" <w5usj@globeco.net>
- 33) [99970] Re: Wars and Capacitors
by "Ted Williams" <ted@g0ull.fsnet.co.uk>
- 34) [99971] Re: Wars and Capacitors
by Larry East <w1hue@amsat.org>
- 35) [99972] Re: Wars and Capacitors
by Bruce Muscolino <w6toy@erols.com>
- 36) [99973] Re: MFJ 33ft Mast?
by Arthur G Silvers <ags@ieee.org>
- 37) [99974] Re: Wars and Capacitors
by "Mike Yetsko" <myetsko@insydesw.com>
- 38) [99975] RE: MV1662 Spec Sheet
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 39) [99976] Fox - N5TW Pesky Texan Fox hunt
by "Tom Whiteside" <n5tw@igg-tx.net>
- 40) [99977] Field Day
by "Alyn Backe" <va6cw@look.ca>
- 41) [99978] Re: Mobile phones may foil stealth bombers
by Curt Milton <wb8yyy@yahoo.com>
- 42) [99979] Re: Need Replacement for CA3160 Op Amp
by n2go@arrl.net
- 43) [99980] Re: Antenna launching in the 21st century [Novel Length]

by "Mike Yetsko" <myetsko@insydesw.com>
44) [99981] Re: MFJ 33ft Mast?
by Arthur G Silvers <ags@ieee.org>
45) [99982] Re: Antenna - ... My little comments :)
by "Oleg Borodin" <master72@lipetsk.ru>
46) [99983] MFJ 33ft Mast FEEDBACK
by ARDUJENSKI@aol.com
47) [99984] Re: Mobile phones may foil stealth bombers
by "George, W5YR" <w5yr@att.net>
48) [99985] FOX: Pesky Texans from W8RU in Michigan
by Ron Majewski <majewski@erim-int.com>
49) [99986] Re: Wars and Capacitors
by <brownh@hartford-hwp.com>
50) [99987] Re: Mobile phones may foil stealth bombers
by <brownh@hartford-hwp.com>
51) [99988] Re: Wars and Capacitors
by George Franklin <w0av@juno.com>
52) [99989] Re: Field Day
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
53) [99990] Re: MH101, QRP-L CDR0M, es stuff
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
54) [99991] Re: Mobile phones may foil stealth bombers
by "Mike Yetsko" <myetsko@insydesw.com>
55) [99992] 13 Months
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
56) [99993] Re: MFJ 33ft Mast?
by "Mark J. Dulcey" <mark@buttery.org>
57) [99994] Re: 13 Months
by <igeq100@iupui.edu>
58) [99995] Re: Wars and Capacitors
by "Ted Williams" <ted@g0ull.fsnet.co.uk>
59) [99996] RE: Field Day
by "Dave Ek" <ekdave@earthlink.net>
60) [99997] Re: Wars and Capacitors
by <baltimoremd@baltimoremd.com>
61) [99998] Re: Wars and Capacitors
by "Brian" <bmurrey@amexol.net>
62) [99999] Subject: Re: Wars and Capacitors
by n2cx@voicenet.com
63) [100000] Re: MFJ 33ft Mast?
by N1EU <n1eu@yahoo.com>
64) [100001] Re: Wars and Capacitors
by "DTX" <dtx@wood.tzo.com>
65) [100002] Re: Wars and Capacitors
by <brownh@hartford-hwp.com>
66) [100003] FA: Kenwood TS-130V QRP radio
by Dennis Terribile/WR4i <wr4i@mindspring.com>
67) [100004] Parts sources (was: Need Replacement for CA3160 Op Amp)

by "laura halliday" <marsgal42@hotmail.com>
68) [100005] Re: 13 Months
by "ZOOM" <kandrparker@sympatico.ca>
69) [100006] Re: Parts sources (was: Need Replacement for CA3160 Op Amp)
by "ZOOM" <kandrparker@sympatico.ca>
70) [100007] TiCK 2B Keyer Schematic?????
by "L. Jeffrey Hetherington" <jeff@systems95.com>
71) [100008] NBS Tech Note 688 online ?
by "Larry Wise" <lewise@txwises.com>
72) [100009] FOX: Pesky Texans de KB1ENS - no show from the hound
by John Wagner <john@neknetwork.com>
73) [100010] Re: Subject: Re: Wars and Capacitors
by <brownh@hartford-hwp.com>
74) [100011] Re: FOX: Pesky Texans de KB1ENS - no show from the hound
by "George, W5YR" <w5yr@att.net>
75) [100012] Re: Wars and Capacitors
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
76) [100013] Re: Was My KAM Eprom is not working properly (results)
by Michael Neverdosky <michaeln@cfl.rr.com>

Date: Tue, 12 Jun 2001 16:43:32 -0700 (PDT)
From: Norman Young <norman_y@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [99938] Thanks
Message-ID: <20010612234332.25916.qmail@web11604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Belated though it may be, thanks to those of you who
responded to my request for an ancient RS CB schematic
for AC4UD. He has found a Canada firm that has it for
\$10.

FWIW, the local associate store said the schematic
would be \$25.00 (ouch!) and the customer (no)service
rep at 1-800-THE-SHACK didn't have a clue. It didn't
show up on her computer...

Thanks to a great group!

Norman

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only \$35
a year! <http://personal.mail.yahoo.com/>

Date: Tue, 12 Jun 2001 20:10:30 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <Ronald_A_Pfeiffer@raytheon.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [99939] NEQRP SSB NET: AA1MY will be there after 8:00pm
Message-ID: <005201c0f39d\$41b0e160\$5d8798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just got the e-mail and will be down on 7.236 until 8:30 if anyone is interested

72 / 73,

"Seab" Lyon - AA1MY
Bethel, ME 04217 USA
 FN44nj
Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel, Me, 04217 U.S.A.
207-836-2576

----- Original Message -----

From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, June 12, 2001 12:29 PM
Subject: **NO** NEQRP SSB NET, My virus came back

> Sorry for my illness but if you talk and cough you
> just can't run a net.
>
> Possible conflict with FCC emergency freq.
>
>
> IF I feel better tonite I will call CQ around
> 7.236 +/- 3 at 7:30PM EDST.
>
>
>
> Net control will be Ron N1ZSW from Worcester, MA.
>
> Hope to hear from many more qrpers.
>

Date: Tue, 12 Jun 2001 19:03:40 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-1@lehigh.edu>
Subject: [99940] Hamboree 25 and Iowa State QRP Convention this weekend!
Message-ID: <001901c0f39c\$506332e0\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hamboree 25 is almost here with a lot of QRP fun in the works!
The Hamboree will be held June 15-16 at the Marina Inn
and Convention Center in South Sioux City, NE. There
will be QRP related sessions on Friday and Saturday.
Look at the list of speakers: Ed Hare from the ARRL, a well
known QRP'er and technical guru; Jim Duffey 'Dr. Megacycle'
a recognized antenna expert (and legendary audio filter collector) ;
Adrian Weiss, a member of the QRP Hall of Fame,
QRP author, Ade was pioneering the modern QRP movement
before it was fashionable; Walt Holling, an excellent builder,
frequent contributor to the IAQRP newsletter, and a PSK expert!

The fun starts this Friday with this great line-up of speakers. Later
that evening the QRP gang will gather for dinner and good old
fashioned rag chewing. After dinner we regroup and have our
annual building event and the judging for the annual building contest
(the building contest judging was postponed from the winter
months after the lousy wx we had all winter long). Mike N0MF has
arranged to get the Tuna Tin 2 kits for the building event (and a
big thank you to Jay Bromley as well; OK I guess now I'll have to
try the turkey fries at the next ARKIECON). We will also
have a limited number of St. Louis Audio Amp kits and VE3DNL
marker generator kits. There will be a small fee for the TT2 kits
and VE3DNL marker generator kits. Whatever your preference,
we should have a project for you at the building event. The forums
kick off again on Saturday so don't miss out!

There are lots of prizes to be awarded! Today a box was delivered
from Doug Hendricks (KI6DS) IAQRP #49 (and NorCal fame
as well). Doug has generously donated a NorCal SMK (surface mount
transceiver) kit, NorCal BLT tuner, and NorCal Toroid kit! Our thanks to
Doug as he has always been a great supporter of the IAQRP Club. Rumor
has it that some Tick Keyer kits donated by Embedded Research (our
thanks to Gary Diana) and club members, an NJQRP Warbler kit (donated
by 'Manhattan Mike' N0MF), as well as some other goodies will be finding
good homes this weekend. If I have left any credits out,

my apologies in advance.

All of the QRP forums are free but there is a fee to enter the hamfest.
For more info on the hamfest please see the following website:
www.3900club.com .

Our thanks to Jerry Huldeen (WB0T) who has been working feverishly to
make the QRP portion of the hamfest a reality. Without Jerry's efforts,
there
would not be an IA State QRP Convention.

I hope to see you there!

72, John NU0V

Date: Tue, 12 Jun 2001 08:46:11 -0400
From: "Tom Pennebaker" <n4rs@netpath-rc.net>
To: <bkassel@dancris.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [99941] Re: Wars and Capacitors
Message-ID: <000f01c0f33d\$a9e537a0\$a32a1bce@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don't tell anyone your age (just in case) and call it a "senior moment".....
works for me...Tom N4RS

----- Original Message -----

From: "Brian Kassel" <bkassel@dancris.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, June 12, 2001 12:10 PM
Subject: Wars and Capacitors

> Gangue:

>

> Ok, I apologize for the capacitor mix-up to those who were kind enough
> to point put my error. Since the correct formulas were expressed by the
> replies to my original post, I won't waste your time re-stating them.

>

> To those who were not able to be diplomatic:

>

> Yes, I DO make mistakes. The one sure way not to is not to ever try to

```
> accomplish anything. I chose the other route, which, occasionally will
> cause a mistake to creep in. You have to admit though, I DID get one or
> two long-dormant hearts beating. ;)
>
> Guys, it's ONLY a hobby,
>
> Brian K7RE
```

Date: Tue, 12 Jun 2001 17:57:09 -0700
From: "Chris Trask" <ctrask@qwest.net>
To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>
Subject: [99942] Ft. Tuthill
Message-ID: <3B26BA65.9551B69B@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Could someone please tell me the dates for the Ft. Tuthill hamfest?

Chris

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High Performance Mixers and Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@qwest.net
http://www.*****.net/~ctrask

Graphics by Loek Frederiks

Date: Tue, 12 Jun 2001 21:07:38 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <sslyon@megalink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [99943] Re: NEORP SSB NET: AA1MY will be there after 8:00pm

Message-ID: <006f01c0f3a5\$744e0f00\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I took my K2 to the Boy Scout meeting. It started at 7, and by 7:15 I had a 40M dipole fed with 300 ohm twinlead in the trees about 20 feet up, with jute string at either end. (By the way, the jute string have VERY low tensile strength. I'll know better next time!!)

Anyway, not that much was hopping. I tuned up just fine on 80, 40, and 20. 17 was squirly though. (I found out later it was because I had a 'twist' at my dipole center insulator!!)

I didn't hear anyone 7275 and up... I went down to 7235 and ran into a station from Ontario. Turned out he was mobile on vacation and lives only about 20 miles from me. Go figure.

But by 8pm I was done and helping to load up canoes.

Mike
N1DVJ

> Just got the e-mail and will be down on 7.236 until 8:30 if anyone is
> interested
> 72 / 73,
> "Seab" Lyon - AA1MY
> Bethel, ME 04217 USA
> FN44nj
> Seabury & Sharon Lyon
> 99 Sparrowhawk Mtn Rd
> Bethel, Me, 04217 U.S.A.
> 207-836-2576
> ----- Original Message -----
> From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, June 12, 2001 12:29 PM
> Subject: **NO** NEQRP SSB NET, My virus came back
>
>
> > Sorry for my illness but if you talk and cough you
> > just can't run a net.
> >
> > Possible conflict with FCC emergency freq.

> >
> >
> > IF I feel better tonite I will call CQ around
> > 7.236 +/- 3 at 7:30PM EDT.
> >
> >
> >
> > Net control will be Ron N1ZSW from Worcester, MA.
> >
> > Hope to hear from many more qrpers.
> >
>
>

Date: Tue, 12 Jun 2001 18:26:40 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, fflynn@adelphia.net
Subject: [99944] RE: [99894] Re: QRP Dupe Question
Message-ID: <3B26C150.165B1F2B@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fran Flynn wrote:

"My apologies to the authors of Qrpdupe, I'm
sure it must be a great logging program, but it didn't work for me."

No apologies necessary at all. Use whatever works for you. TR is a fine program. I am quite surprised though at your inability to get it to run, especially on both machines. I have never experienced that type of problem before, and had only 1 report of the inexplicable inability for a user to get the serial port to send CW above about 5 WPM. We were never able to solve that one. There very well might be other instances of your problem, but they have never been reported to me so far.

One strong possibility is that you selected the CW send option, then selected a serial port that already had something tied to it, like a modem etc. The default is Comm 1, so even if you didn't select that serial port, but DID select the CW send option, and had something tied to that port, lockup would be very likely, as there would be a severe conflict.

Best of luck with TR, and if you ever wish to try to troubleshoot the

problem, just let me know.

Brian K7RE

Date: Tue, 12 Jun 2001 18:52:14 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <ctrask@qwest.net>
Cc: "qrp list" <qrp-l@lehigh.edu>, "elecraft list" <elecraft@qth.net>
Subject: [99945] Re: Ft. Tuthill
Message-ID: <001f01c0f3ab\$7952ca80\$6e127d3f@dell>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It's the last full weekend in July, the 27, 28 and 29th

Bob

----- Original Message -----

From: "Chris Trask" <ctrask@qwest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, June 12, 2001 5:57 PM
Subject: Ft. Tuthill

>
> Could someone please tell me the dates for the Ft. Tuthill hamfest?

>
> Chris

>
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> / What's all this \
> / extinct stuff, anyhow? \
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High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@qwest.net
http://www.*****.net/~ctrask

Graphics by Loek Frederiks

>

Date: 12 Jun 2001 20:19:55 MDT
From: Murphy Chesney <kb3eof@usa.net>
To: john sakellakis <w8gxu1@juno.com>
Cc: qrp-1@lehigh.edu
Subject: [99946] Re: POLIVARICON VARIABLE CAPS
Message-ID: <20010613021955.1842.qmail@www0h.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Thanks to all who answered my questions on the source for polyvaricon caps!
s! =

The best source turned out to be John below who has a quantity of the original articles at a great price. They are dual caps with 150pF x2 that can be rigged parallel for 300pF and have 30pF trimmers on back. He asked me to make his offer available to the qrp-1 group. Usual disclaimers, just a satisfied customer.

72 de Sandy, KB3EOF

john sakellakis <w8gxu1@juno.com> wrote: [Sandy]
I mailed the caps. today. The postage was \$1.60. You can wait until you get them and send me the money. They make fine QRP antenna tuners, as you already know. I am sure you can identify the terminals..... 73 John

john sakellakis <w8gxu1@juno.com> wrote:
Dear Fellow Ham
=

I saw your request for "polivaricon" Caps. If you mean those made for transistor radios with polyethylene insulators between the plates, =

I have a quantity of brand new, never used, about 200 pieces. The price =

is 50 cents per unit.

=

73 John W8GXU w8gxu1@juno.com

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Wed, 13 Jun 2001 02:38:38
From: "Michael Herman" <kc9nf@hotmail.com>
To: aa9nf@ync.net, qrp-1@Lehigh.EDU
Subject: [99947] wanted icom 735 500hz cw filter
Message-ID: <LAW2-F610AkK5LqN33H00009cd3@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Wanted icom 735 cw filter 500hz
Mike

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Tue, 12 Jun 2001 18:42:07 -0800
From: Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [99948] Spartan Sprint - The Challenge
Message-ID: <3B26D2FF.51B8792C@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

I finally took the advice of Mike Fitzgibbon, NOMF, and changed out RFC3 on my 20 meter SST. Once I had the part out I measured it with my AADE L/C meter and it was 6.33uH (spec is 5.6 uH). With that my range was 14.045 to 14.058.1.

I replaced it with a 5.56 uH inductor and now my range is 14.052.8 to 14.062.1. This range is just fine with me. MDS checked out at about -139 dBm. I haven't checked output since the first time but it does something over 1 watt with a AA battery pack. I will probably just leave it as is (no power mods).

I may run the next Spartan Sprint with the SST. The naked rig, key and cable, battery and cable, and ear buds weigh in at 11.75 ounces or .73 pounds. I will miss the extra 6+ dB of signal however but it still should be fun.

So the challenge is for me to move way up the SP list with my new station weight. I had always just entered at 30 pounds in the past. There is still time for all of you meet the challenge and strip down a rig, get it ready for SP next month and work me, of course. :-) And for heavens sake, turn your beams toward Alaska sometimes as I will need all the help I can get.

See you on 20 meters!!

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Tue, 12 Jun 2001 22:48:35 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [99949] Re: NEQRP SSB gathering... flub a dub prop.
Message-ID: <009501c0f3b3\$591c5b20\$5d8798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

it was squirrely all over, 40m messy and not much good beyond 4-land. 20 was better, but couldn't find any QRPers amongst... of all things a bunch of AM guys helping each other find good 813's!

Got into a real nice long chat (@QRP) with a gent in Forest Lakes Minnesota who'd never had his rig turned down to 5 watts before. Real good path as we were 5/9 both ways.... for almost 2 hrs! (lots in common)
Anyway, it would be nice to keep these things going just to keep tuned in to SSB propagation on the various bands.

72 / 73,

"Seab" Lyon - AA1MY
Bethel, ME 04217 USA
FN44nj

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd

Bethel, Me, 04217 U.S.A.

207-836-2576

----- Original Message -----

From: "Mike Yetsko" <myetsko@insydesw.com>

To: "Low Power Amateur Radio Discussion" <qrp-

Date: Tue, 12 Jun 2001 20:31:29 -0700

From: "Chris Trask" <ctrask@qwest.net>

To: "Bob Hightower" <nk7m@extremezone.com>

Cc: "qrp list" <qrp-l@lehigh.edu>, "elecraft list" <elecraft@qth.net>, "Bob Hightower" <nk7m@extremezone.com>

Subject: [99950] Re: Ft. Tuthill

Message-ID: <3B26DE91.DD8CCEEB@qwest.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bob,

Thanks, I'll put it on the calendar.

Chris

Bob Hightower wrote:

>

> It's the last full weekend in July, the 27, 28 and 29th

>

> Bob

> ----- Original Message -----

> From: "Chris Trask" <ctrask@qwest.net>

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Sent: Tuesday, June 12, 2001 5:57 PM

> Subject: Ft. Tuthill

>

> >

> > Could someone please tell me the dates for the Ft. Tuthill hamfest?

> >

> > Chris

> >

> > ,-----
> > / What's all this \ High Performance Mixers and
> > / extinct stuff, anyhow? / Amplifiers for RF Communications

> > \ -----'
> > _ |/ Chris Trask / N7ZWY
Principal Engineer

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Sonoran Radio Research
 P.O. Box 25240
 Tempe, Arizona 85285-5240

 IEEE Member #40274515

 Email: ctrask@qwest.net
http://www.*****.net/~ctrask

Graphics by Loek Frederiks

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High Performance Mixers and
 Amplifiers for RF Communications

Chris Trask / N7ZWY
 Principal Engineer
 Sonoran Radio Research
 P.O. Box 25240
 Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@qwest.net
http://www.*****.net/~ctrask

Graphics by Loek Frederiks

 Date: Tue, 12 Jun 2001 23:35:14 EDT
 From: Macstein@aol.com
 To: qrp-1@lehigh.edu
 Subject: [99951] Hunting Pesky Texans
 Message-ID: <120.3c3698.28583972@aol.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"
 Content-Transfer-Encoding: 7bit

Ok I forgot...got on the last 45 minutes of the hunt and got 15 of the critters amidst the QRN. That was fun. THANKS GUYS!

I heard N1TP a fellow Swamp Rat - LOUD!!!!!!

-MAC-

AF4PS

K2 to the IAD at 3w

Date: Tue, 12 Jun 2001 22:44:50 -0500
From: "George, W5YR" <w5yr@att.net>
To: "qrp-1@Lehigh.edu" <qrp-1@Lehigh.edu>, netxqrp <netxqrp@qth.net>
Subject: [99952] Pesky Texans
Message-ID: <3B26E1B2.A4127109@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Man, what fun!

Worked all I could hear of the 21 Foxii on the list, but never heard K10J or W5TB. Ted is in Arlington about 40 miles from here and probably just too close. I should have worked Owen, though, as all the Houston-area stations that I worked were loud this evening.

So, the Yellow Rose clocks in with 19 out of 21 - close but no cigar this time! Thanks to all the Foxii for picking me out.

Band was fairly noisy here but signals were surprisingly strong most of the time. Some were up to 10 over 9 at times.

Out of three antennas - 20-meter 88-ft EDZ, Butternut HF9V vertical, and 40-meter low horizontal loop, the loop won hands down on all the close-in Texas stations. Tried all three at various times, but kept coming back to the low loop. Guys, you need one of these if you are going to work 40 meters! <:} The EDZ was the Fox Gitter for the Fall/Winter Hunts but the little loop carried the load this time. Signals were so strong sometimes that even the attic dipole put up a good signal.

Thanks to N1LN and the gang for putting on such a great show.

PS to Chuck, W5USJ: surprisingly loud signals, especially during the last hour, so guess you switched to that low dipole as promised. Thanks for the pelt!

--

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Date: Tue, 12 Jun 2001 23:45:50 EDT
From: NM5Mike@aol.com
To: qrp-1@lehigh.edu
Subject: [99953] Pesky Texan
Message-ID: <dc.7a89fd6.28583bee@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Callsign: NM5M

date									
mm/dd/yyyy	band	time	call	snt	rcv	comments			
06/13/2001	40CW	0222	W5YR	579	559	TX GEORGE	5W	*	
06/13/2001	40CW	0224	KI0II	579	559	CO RON	5W		
06/13/2001	40CW	0229	AD5Q	579	599	TX ROY	5W		
06/13/2001	40CW	0233	K50T	579	579	GA LARRY	20W		
06/13/2001	40CW	0234	KG5U	579	599	TX DALE	5W		
06/13/2001	40CW	0235	K5NZ	579	599	TX MIKE	5W		
06/13/2001	40CW	0238	K4BAI	579	559	GA JOHN	5W		
06/13/2001	40CW	0238	WA5REJ	579	559	TX ALLEN	5W		
06/13/2001	40CW	0241	W8RU	579	559	MI RON 5	5W		
06/13/2001	40CW	0246	K5PSH	579	599	TXJERRY	500MW		
06/13/2001	40CW	0308	NV4V	579	569	KY PETE	5W		
06/13/2001	40CW	0309	N5ET	579	559	TX BOB	5W		
06/13/2001	40CW	0315	KQ5U	579	559	TX TERRY	5W		
06/13/2001	40CW	0317	K5JHP	579	559	TX BILL	5W		
06/13/2001	40CW	0320	N5IB	579	559	LA JIM	5W		

06/13/2001	40CW	0324	W5HNS	579 559 TX HENRY	4W
06/13/2001	40CW	0326	AF4PS	579 539 FL MAC	3W
06/13/2001	40CW	0330	K5DGB	579 559 TX ROD	5W

Date: Wed, 13 Jun 2001 00:23:19 -0400
From: Ron Stone <rsstone@juno.com>
To: qrp-l@lehigh.edu
Subject: [99954] Need Replacement for CA3160 Op Amp
Message-ID: <20010613.002329.-74711.0.rsstone@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi - Discovered that these op amps are no longer as common as they used to be. Can someone suggest a suitable replacement? I need a good buffer with a very high input impedance that works with a single supply. Thanks for the help.

72,

Ron (KA3J)
Bethesda, MD

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 13 Jun 2001 00:44:55 -0400
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [99955] Fox: Pesky Texans
Message-ID: <5.0.2.1.0.20010613002607.00a8ab50@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

That was fun!
Heavy static crashes and QSB here in central Ky but managed to get 15.
Signals were very up and down.WF5W went down before we could complete the exchange
and W5MU was heard briefly..

Thanks to the organizers for a great event. You Pesky Texans aren't all bad! :-)
73 to all
Pete NV4V

Date: Wed, 13 Jun 2001 15:19:34 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [99956] Was My KAM Eprom is not working properly (results)
Message-ID: <000e01c0f3e4\$bdf6ba0\$e7ee92ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Friends,
After following your (the list members) suggestions especially about the electrolytic capacitors and also at last a reply (by accident since he was not sure whether the staff sent a reply or not) from Kantronics, I changed all electrolytic capacitors in My KAM TNC but then have to hard reset the eprom several times to get a good initialization before I can go back into business. Now my KAM at least for today and I hope nothing bad will happen in the coming days and I can reconfigure my KAM for packet communications on VHF.

This come to the question of how long will an electrolytic capacitor last?? (normally) and what makes it goes bad early, since here in YB land there are quite a number of old transcievers and I bet those transcievers electrolytic capacitors will go bad one of these days and what are the symptoms of a bad electrolytic capacitor ?

Hope some of the list member can give me light on this??

My humble thanks for all the help the list member provide me and this is what I don't get elsewhere.

vy 72 de YB1B0D
Donny
Bekasi Indonesia

Date: Wed, 13 Jun 2001 04:47:12 EDT

From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [99957] MFJ 33ft Mast?
Message-ID: <57.17786928.28588290@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Has anyone seen or used the MFJ 33ft fiberglass mast?
<http://www.mfjenterprises.com/products.php?prodid=MFJ-1910>
I was curious how it compares physically (quality wise) to the DK9SQ.

Alan KB7MBI

Date: Wed, 13 Jun 2001 04:53:53 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [99958] Antenna Switch Question
Message-ID: <69.16a338a9.28588421@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Has anyone used the MFJ- dual 6 position HF antenna switch? I was wondering if there is much bleedover between antenna positions? Overall were you pleased with its quality?
<http://www.mfjenterprises.com/products.php?prodid=MFJ-1700B>

Alan KB7MBI

Date: Wed, 13 Jun 2001 10:58:41 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>, <ARDUJENSKI@aol.com>
Subject: [99959] Re: MFJ 33ft Mast?
Message-ID: <009201c0f3e7\$2732a7c0\$789101d9@ingo>

Hello Alan,

> Has anyone seen or used the MFJ 33ft fiberglass mast?
> <http://www.mfjenterprises.com/products.php?prodid=MFJ-1910>
> I was curious how it compares physically (quality wise) to the DK9SQ.

I have not see the mast (apart from MFJ catalog), but I think it the same mast (same length, weight ...). You can buy DK9SQ's mast also by

Kanga in US.

72 de Ingo, DK3RED

E-Mail: dk3red@qsl.net - Homepage: www.qsl.net/dk3red

Date: Wed, 13 Jun 2001 19:17:20 +1000
From: "Graeme Zimmer" <gzimmer@optushome.com.au>
To: <dsirait@centrin.net.id>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [99960] Re: Was My KAM Eprom is not working properly (results)
Message-ID: <005e01c0f3e9\$a65287d0\$ac65fea9@co3043446a>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Donny,

> This come to the question of how long will an electrolytic capacitor
> last?? (normally)

>From one to five years, depending on temperature.

The expensive, long life ones are rated up to thirty years
but these are never used in consumer grade equipment.

> and what makes it goes bad early,

the electrolyte dries out.....

> and what are the symptoms of a bad electrolytic capacitor ?

Low value of capacitance (hum, motorboating, distortion, etc)

It's very educational to go through an old piece of gear with a good
capacitance meter.

Just unsolder one end of each electro and measure the capacitance.

I'll bet that you need to replace most of them.....

..... Zim VK3GJZ

Date: Wed, 13 Jun 2001 05:44:10 -0400
From: <brownh@hartford-hwp.com>
To: n4rs@netpath-rc.net
Cc: qrp-1@Lehigh.EDU
Subject: [99961] Re: Wars and Capacitors
Message-ID: <200106130944.f5D9iAZ10117@hartford-hwp.com>

Speaking of age creeping up. . .

I still sometimes call capacitors "condensers." Does anyone else do that?

--

Haines Brown
brownh@hartford-hwp.com
www.hartford-hwp.com
KB1GRM

Date: Wed, 13 Jun 2001 11:23:49 GMT
From: Thomas Jennings <jennings@eznet.net>
To: qrp-1@lehigh.edu
Subject: [99962] Pesky Texans in NY
Message-ID: <20010613112349.3261.qmail@eznet.net>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Gang,
Conditions into WNY was not too good last night. Lots of static crashes and poor propagation. I was on the first hour and heard ten foxes but only worked 5 (one was a dupe). Hope everyone did good!

73,
Tom kv2x

Date: Wed, 13 Jun 2001 08:24:17 -0400
From: "Sam Billingsley" <sambillingsley@earthlink.net>
To: <QRP-L@Lehigh.EDU>

Subject: [99963] RE: Antenna Switch Question
Message-ID: <004201c0f403\$c49ee200\$38562042@sbillingsley>

Alan and others:

I have used the MFJ antenna/rig switch for years and recommend it.

There is bleedover between the sections because if you open the case you'll see there is unshielded buss wire connecting the coax connectors to the switch and they run have fairly long runs(6-8 inches) .

Now this is actually advantage in some cases because you can have two rigs in RX mode and copy the incoming signal on both (The non-connected rig level is lower but copiable).

I have thought about putting RG-174 between half the positions to decrease the bleedthrough in those situations where it is desirable.

The ability to switch between different antennas and rigs quickly is a BIG plus in using the switch.

Sam AE4GX

>>>>snip>>>>

Has anyone used the MFJ- dual 6 position HF antenna switch? I was wondering if there is much bleedover between antenna positions? Overall were you pleased with its quality?

<http://www.mfjenterprises.com/products.php?prodid=MFJ-1700B>

Alan KB7MBI

Date: Wed, 13 Jun 2001 12:31:39
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: dsirait@centrin.net.id, qrp-1@Lehigh.EDU
Subject: [99964] Re: Was My KAM Eprom is not working properly (results)
Message-ID: <F132T456UnHAaz7EjQ000002e5@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Generally if the equipment is used periodically the capacitors should last as long as any of the other components. In the KAM the ratings of the capacitors that fail are not sufficient for their use in the circuit which causes premature failure. Its not the fault of the capacitor, it is more poor circuit design, or bad component selection in particular.

73 - Mike WA8BXN

>This come to the question of how long will an electrolytic capacitor
>last?? (normally) and what makes it goes bad early>

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Wed, 13 Jun 2001 09:05:51 -0400
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [99965] Re: Need Replacement for CA3160 Op Amp
Message-ID: <3B27652F.21E73385@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I bought mine at Dan's Small Parts, cheap....
<http://www.fix.net/jparker/dans.html>
73, Ed,
K2MGM

Date: Wed, 13 Jun 2001 09:10:44 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <rick@ltcable.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [99966] Re: Mobile phones may foil stealth bombers
Message-ID: <00cd01c0f40a\$e4550000\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WOW was that article misleading!!!

First off, stealth technology doesn't really make the plane invisible,
it

makes it hard to detect. While they DO use radar absorbing materials, they are really limited in what they do. Most of the stealth functionality actually comes from the fact that the planes are like mirrors.

If you hang a silver ball in the sun, you can see the bright spot from everywhere. But if you hang a mirror in the sun, you may not notice it at all except when the flat surface reflects at you.

The OPPOSITE of the highway reflectors that are shapes to ALWAYS reflect back AT you to glisten at night.

Also, the disruption of a radio signal is only going to be significant when the aircraft is BETWEEN (actually, overhead) in the path to cause a disruption. Which again, is very limited.

As to a battlefield? Sure, an army could set up a grid of radio towers, but then there are devices (radio targeting missiles and bombs) to take care of that. And some of them are so stealthy that can't be detected as incoming. But stealth bombers don't come in and sit over a battlefield.

You want early detection, and this won't really help with that. Then you want target definitions, and then this will only marginally help.

On the down side, remember that the whole point of the stealth bombers is they come in low. They aren't 'invisible', they are just hard to detect.

So they come in low and use terrain to 'weave' through the limited detection areas, which may also be populated areas with cell coverage.

While the technology can in some cases provide a decent location, it will only be in areas of heavy RF coverage. I can definitely see this as an advantage for defensive 'city coverage'.

Will this change the battlefield? Only marginally. In fact, the only area

I see this as a real issue would be in a surprise attack by stealth.

Yes, I see this as a concern to the military. But then, EVERYTHING is a concern to the military. Did this invalidate stealth technology? Not hardly... At most, it means a reassessment of tactics and maybe some slight modifications.

Mike

----- Original Message -----

From: Rick Austin <rick@ltcable.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, June 12, 2001 4:11 PM

Subject: Mobile phones may foil stealth bombers

> This article may be of some interest to you antenna gurus (see link below).

> Excerpts:

>

> America's multi-billion-dollar stealth bombers could be rendered obsolete by

> a British invention that uses existing mobile telephone masts to detect and

> track aircraft that were previously invisible to radar.

>

> (snip)

>

> Mobile telephone calls bouncing between base stations produce a screen of

> radiation. When the aircraft fly through this screen they disrupt the phase

> pattern of the signals. The Roke Manor system uses receivers, shaped like

> television aerials, to detect distortions in the signals.

>

> A network of aerials large enough to cover a battlefield can be packed in a

> Land Rover.

>

> Using a laptop connected to the receiver network, soldiers on the ground can

> calculate the position of stealth aircraft with an accuracy of 10 metres

> with the aid of the GPS satellite navigation system.

>

>

> <http://www.smh.com.au/news/0106/12/world/world2.html>

>

>

Date: Wed, 13 Jun 2001 08:50:48 -0500

From: "Ed Manuel (N5EM)" <n5em@flash.net>

To: qrp-1@lehigh.edu

Cc: hqrp@stevens.com
Subject: [99967] MV1662 Spec Sheet
Message-ID: <4.3.2.7.2.20010613084938.00b2c770@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Can anyone point me to a datasheet for the MV1662 varactor diode on the web or perhaps send me a copy electronically?

Thanks a bunch.

Ed Manuel, N5EM
n5em@amsat.org

Date: Wed, 13 Jun 2001 10:02:07 -0400
From: "Bruce Hopkins - KL7H/C6A" <makai@grouper.batelnet.bs>
To: <qrp-1@Lehigh.EDU>
Cc: <nkennedy@tcainternet.com>
Subject: [99968] RE: Antenna launching in the 21st century [Novel Length]
Message-ID: <NFBKKBONCLCJNINPCKDBEEGPCAAA.makai@grouper.batelnet.bs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks Nick !!!

I am still smiling... Time to try a spud gun... Only problem down here is, no trees over 15 feet high... 8^)

72 - Bruce - KL7H/C6A
<http://www.qsl.net/kl7h>

Date: Wed, 13 Jun 2001 09:09:18 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: "N1LN" <n1ln@earthlink.net>, qrp-1@Lehigh.EDU
Subject: [99969] FOX -- Pesky Texan Log
Message-ID: <3.0.2.32.20010613090918.00814e10@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Here's my Pesky Texan Fox log. The 559 report is an exaggerated representation of not-so-good conditions. Copy was marginal most of the time with the signals never getting above the S7 to S9 noise level. Good fun though and enjoyed the event. Thanks to those who hung in there for multiple retries.

143	K4GT	559	GA	Jim	5W
202	W5YR	559	TX	George	5W
205	K5PSH	559	TX	Jerry	5W
210	KG5U	559	TX	Dale	5W (PT)
210	K5BGB	559	TX	Rod	5W
219	K50T	559	GA	Larry	2W
228	W8RU	559	MI	Ron	5W
241	K4BAI	559	GA	John	5W
247	W=D8SDG	559	MN	Steve	4W
249	WA5REG	559	TX	Allen	5W
255	AD5Q	599	TX	Roy	5W (PT)
259	W5JAY	559	AR	Jay	5W
310	KI=D8II	559	CO	Ron	5W
314	W5TD	559	TX	Tom	5W
320	K5DW	559	TX	Don	2W
327	N1TP	559	FL	Tom	5W
329	K5JHP	559	TX	Bill	5W

Let me know if there are any needed corrections.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>

Date: Wed, 13 Jun 2001 13:45:34 +0100
From: "Ted Williams" <ted@g0u11.fsnet.co.uk>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [99970] Re: Wars and Capacitors
Message-ID: <00fd01c0f418\$a8936bc0\$ae98883e@tedspc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Speaking of age creeping up. . .

>
> I still sometimes call capacitors "condensers." Does anyone else do
> that?

Yes, and I still measure capacity in 'Jars'

Ted, g0u1l

Date: Tue, 12 Jun 2001 19:26:11 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@Lehigh.EDU
Subject: [99971] Re: Wars and Capacitors
Message-ID: <5.1.0.14.2.20010612192401.00adc560@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:03 PM 6/12/01 -0400, someone wrote:
>Remember the old carpenter's adage, measure twice and cut once!

Damn! I thought it was "measure once, cut twice" ... no WONDER I screw-up
so much!!!

: -)

Date: Wed, 13 Jun 2001 11:13:13 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: w1hue@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [99972] Re: Wars and Capacitors
Message-ID: <3B278309.620528DA@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It depends on whether the carpenter is a senior or not!

73

Date: Wed, 13 Jun 2001 08:29:23 -0700

From: Arthur G Silvers <ags@ieee.org>
To: ARDUJENSKI@aol.com
Cc: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [99973] Re: MFJ 33ft Mast?
Message-ID: <3B2786D3.CA85CB9D@ieee.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Saw it at Hamcom 2001 in the DFW area. Martin Jue was showing it to a perspective buyer. Didn't pay too close attention as I am not in the market but it appeared to be the very same as the DK9SQ which I've also seen a couple of times. The twist-to-lock design is the same as the SD20 which I have for a W6MMA SLV . Believe MFJ has a pretty liberal return policy in case it doesn't meet with your expectations.

Hope this helps. Usual Disclaimers apply

72 es GL
Arth W6AGS

Date: Wed, 13 Jun 2001 11:53:05 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w1hue@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [99974] Re: Wars and Capacitors
Message-ID: <006701c0f420\$f1c4a0e0\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> At 07:03 PM 6/12/01 -0400, someone wrote:
> >Remember the old carpenter's adage, measure twice and cut once!
>
> Damn! I thought it was "measure once, cut twice" ... no WONDER I
screw-up
> so much!!!
>
> :-)

Hey, don't even JOKE about that!! Just this weekend I was making a trailer for my tractor, and without thinking (obviously!) I cut a piece to 36" instead of 32". Not a fatal error you say? Well, depends on what

you plan on using the OTHER side of the cut for...

Mike

Date: Wed, 13 Jun 2001 11:59:32 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: "'n5em@flash.net'" <n5em@flash.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [99975] RE: MV1662 Spec Sheet
Message-ID: <078F21595FA7D411B87B00805FA728E64A4834@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Do a google web search for more info than you will know what to do with..
Jerry
W3CDE

-----Original Message-----
From: Ed Manuel (N5EM) [mailto:n5em@flash.net]
Sent: Wednesday, June 13, 2001 9:51 AM
To: Low Power Amateur Radio Discussion
Subject: MV1662 Spec Sheet

Can anyone point me to a datasheet for the MV1662 varactor diode on the web
or perhaps send me a copy electronically?

Thanks a bunch.

Ed Manuel, N5EM
n5em@amsat.org

Date: Wed, 13 Jun 2001 11:08:09 -0500
From: "Tom Whiteside" <n5tw@igg-tx.net>
To: "N1LN" <n1ln@earthlink.net>, "Zed - K5ZTY" <k5zty@juno.com>, "W5MJ" <w5mj@houston.rr.com>, "W5HNS - Henry" <w5hns@aol.com>, "Paul - W5PF" <w5pf@arrl.net>, "OJ - K1OJ" <k1oj@ditdit.com>, "N5ET - Bob" <n5et@arrl.net>, "George - W5YR"

<w5yr@att.net>, "Eric - NM5M" <NM5Mike@aol.com>,
Cc: <qrp-1@Lehigh.EDU>
Subject: [99976] Fox - N5TW Pesky Texan Fox hunt
Message-ID: <000f01c0f423\$0c843ec0\$781701cc@g517v>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Thanks for all those that tried last night! We managed only 33 QSOs that count in the two hour period - I could hear folks calling that were just absolutely in the noise and did manage to get a few of these near ESP QSOs in the log. We had a wall of thunderstorms west of us and were really deaf in that direction. And the noise in the other directions was nothing to write home about! At least a nice break from playing with a new 160M antenna -HI.... I'm sure there are errors in the log with all the noise - glad to make corrections! And thanks to Bruce da Champ N1LN for organizing and driving this thing!

Valid QSO Total: 33 (9 of them Texans)
QSO Score with low power adders: 45
States/Provinces worked: 18

Total score: 810

Rig: K2 serial 1389 @5W

N5TW						Pts	Mult	Comment
02:33	W5JAY	599	AR	JAY	5W	1	1	
02:36	KB0JAL	559	IA	DAN	5W	1	1	
02:38	K4BAI	589	GA	JOHN	5W	1	1	
02:39	K4MF	559	FL	GARY	2W	3	1	
02:40	K4GT	559	GA	JIM	5W	1		
02:41	K5JHP	559	TX	BILL	5W	1	1	
02:43	K2PC	559	NY	PETE	5W	1	1	
02:45	KA3WMJ	539	PA	KEN	5W	1	1	
02:48	N8VAR	559	OH	RON	2W	3	1	
02:49	N1EU	569	NY	BARRY	5W	1	1	
02:50	N1TP	559	FL	TOM	5W	1		
02:53	W8RU	559	MI	RON	5W	1	1	
02:55	KE4TG	599	TN	ROY	4W	1	1	
02:56	W5YR	559	TX	GEORGE	5W	1		
02:57	K5PSH	559	TX	JERRY	5W	1		
02:58	K5OT	559	GA	LARRY	200W	0		>5W
03:02	KG5U	599	TX	DALE	5W	0		Fox
03:06	AF4PP	559	GA	CHUCK	900MW	5		
03:11	W3ERU	559	MD	WES	5W	1	1	
03:13	KQ5U	559	TX	TERRY	5W	1		

03:16	KI0II	559	CO	RON	5W	1	1	
03:17	WA5REJ	559	TX	ALLEN	5W	1		
03:20	KV2X	559	NY	TOM	5W	1		
03:28	VA6RF	559	AB	EARL	5W	1	1	
03:33	NV4V	559	KY	PETE	5W	1	1	
03:36	N5ET	559	TX	BOB	5W	0		Fox
03:47	AD5Q	559	TX	ROY	5W	0		Fox
03:51	K5DW	559	TX	DON	2W	3		
03:56	KR5C	559	TX	GEORGE	5W	1		
04:00	AC7CF	559	UT	ANDY	5W	1	1	
04:02	N5IB	559	LA	JIM	5W	1	1	
04:03	W5TD	579	TX	TOM	5W	1		
04:06	N0TK	559	CO	DAN	5W	1		
04:16	W0SDG	559	MN	STEVE	4W	1	1	
04:18	K5LG/M	559	AR	LES	2W	3		
04:24	AF4PS	599	FL	MAC	3W	1		
04:30	K5BGB	589	TX	ROD	5W	1		
					33	45	18	810

Date: Wed, 13 Jun 2001 10:29:45 -0600
 From: "Alyn Backe" <va6cw@look.ca>
 To: "QRP-L" <qrp-l@lehigh.edu>
 Subject: [99977] Field Day
 Message-ID: <003701c0f426\$0fbdb780\$3ff7aecc@s8q7l5>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

During field day i may be operating a single qrp station with battery power.

During the exchange, would i give out a report of 1B or 1B-Battery?

72/73, AL, VA6CW

Red Deer, AB
 Grid Square: D032bg

Date: Wed, 13 Jun 2001 09:32:46 -0700 (PDT)
 From: Curt Milton <wb8yyy@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [99978] Re: Mobile phones may foil stealth bombers
Message-ID: <20010613163246.8155.qmail@web9603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Interesting article ... remember it was written for
non-technical audience & its discussion of stealth is
certainly "very incomplete."

It does show that novel RF techniques can be used
effectively when developed.

The technique is plausible at short range (i.e.
overhead) and could be linked to weapon systems.
however, i suspect it could easily be defeated with
the proper jamming installed on the aircraft. the
system described likely has the ability to detect the
target and follow its flight path - its questionable if
it has precise targetting accuracy so it may hand off
to a tracking radar to direct the weapon.

keep in mind that defense contractor think-tanks
generate ideas and make a living investigating &
developing these - the likely reason for the press
release!

bottom line - don't discount value of stealth
technology nor novel RF techniques as war-fighting
techniques will continue to evolve. gee - i'm glad we
also put RF to more "noble" uses also.

curt wb8yyy

--- Mike Yetsko <myetsko@insydesw.com> wrote:
> WOW was that article misleading!!!
>
> First off, stealth technology doesn't really make
> the plane invisible,
> it
> makes it hard to detect....

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only \$35
a year! <http://personal.mail.yahoo.com/>

Date: Wed, 13 Jun 2001 07:49:01 -0400 (EDT)
From: n2go@arrl.net
To: Ron Stone <rsstone@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [99979] Re: Need Replacement for CA3160 Op Amp
Message-ID: <Pine.LNX.4.21.0106130748140.4635-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Try Debco
they are \$1.19 and in stock.

http://www.debco.com/db_online/linear.htm

73,

Jim n2go

Date: Wed, 13 Jun 2001 12:38:56 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <makai@grouper.batelnet.bs>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [99980] Re: Antenna launching in the 21st century [Novel Length]
Message-ID: <003101c0f427\$5974c2a0\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well then, go for the distance instead of the height!!

Mike

----- Original Message -----

From: Bruce Hopkins - KL7H/C6A <makai@grouper.batelnet.bs>
Subject: RE: Antenna launching in the 21st century [Novel Length]

> I am still smiling... Time to try a spud gun... Only problem
> down
> here is, no trees over 15 feet high... 8^)
>
> 72 - Bruce - KL7H/C6A

Date: Wed, 13 Jun 2001 09:35:36 -0700
From: Arthur G Silvers <ags@ieee.org>
To: ARDUJENSKI@aol.com, qrp-l <qrp-l@Lehigh.EDU>
Subject: [99981] Re: MFJ 33ft Mast?
Message-ID: <3B279658.45ADC7D1@ieee.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

May have overstated MFJs return policy. They have a 1 year warranty but no statement about returns. Sorry for the misinformation.

72
Arth W6AGS

Arthur G Silvers wrote:

> Saw it at Hamcom 2001 in the DFW area. Martin Jue was showing it
> to a perspective buyer. Didn't pay too close attention as I am
> not in the market but it appeared to be the very same as the
> DK9SQ which I've also seen a couple of times. The twist-to-lock
> design is the same as the SD20 which I have for a W6MMA SLV .
> Believe MFJ has a pretty liberal return policy in case it doesn't
> meet with your expectations.
>
> Hope this helps. Usual Disclaimers apply
>
> 72 es GL
> Arth W6AGS

Date: Wed, 13 Jun 2001 19:46:25 +0400
From: "Oleg Borodin" <master72@lipetsk.ru>
To: <makai@grouper.batelnet.bs>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [99982] Re: Antenna - ... My little comments :)
Message-ID: <20010613164732Z9785-54813+4483@relay.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Wow!!!

Really happy man! I've live in 5-storey building. There are many trees around the house and all highly over the roof. It's impossible to make a long wire antennas beaming the houses near my one through this trees. Single variant - along a roof. But it is not so long that I'd like, sorry.

72 & 73! de RV3GM/QRP Lipetsk, Russia
G-QRP#4690 QRP-ARCI#10742 QRP-MASTER#50
eng. Oleg V. Borodin E-Mail: master72@lipetsk.ru
"Micro-80" trcvr at Web <http://www.qsl.net/rv3gm/>

> I am still smiling... Time to try a spud gun... Only problem down
> here is, no trees over 15 feet high... 8^)
> 72 - Bruce - KL7H/C6A

Date: Wed, 13 Jun 2001 12:49:23 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [99983] MFJ 33ft Mast FEEDBACK
Message-ID: <62.fe28254.2858f393@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I do appreciate all those that took the time to reply. Unfortunately there was not any actual side by side usage comparisons todate with the DK9SQ.

Alan KB7MBI

Date: Wed, 13 Jun 2001 11:50:47 -0500
From: "George, W5YR" <w5yr@att.net>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [99984] Re: Mobile phones may foil stealth bombers
Message-ID: <3B2799E7.1FA104@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Interesting . . .

In the late 50's a friend of mine did his Ph.D in EE at UT Austin with a system he developed that tracked aircraft from perturbations in the TV

signals received from several different stations. Note that the aircraft did not have to fly low enough to be in the space between the stations, etc. He could detect and track aircraft fairly high.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Date: Wed, 13 Jun 2001 13:07:01 -0400
From: Ron Majewski <majewski@erim-int.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [99985] FOX: Pesky Texans from W8RU in Michigan
Message-ID: <3B279DB5.19A9B792@erim-int.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

The QRN was awful last night but I managed to work 19 Foxes from the great state of Texas. I never heard W5TB or W5MJ -- you must have been in the brambles. :)

I think that the word "pesky" should be changed to "persistant," or maybe "perservering." I'm sure you fellows struggled with each and every signal last night. Thanks for hanging in through the entire evening; you did a great job. This was an excellent idea that I hope will be repeated in Texas and other states.

72/3!

Ron (W8RU).

Date: Wed, 13 Jun 2001 11:24:31 -0400
From: <brownh@hartford-hwp.com>
To: ted@gOull.fsnet.co.uk
Cc: qrp-l@Lehigh.EDU
Subject: [99986] Re: Wars and Capacitors
Message-ID: <200106131524.f5DF0Vj10973@hartford-hwp.com>

Ted,

A "jar" of capacity as in Leiden jars? Are Leiden jars still part of the scientific world experienced by young folks today? Just mentioning it makes me itch to run into the kitchen, get a Mason jar and some foil out and see just what its capacity turns out to be. Would it be approximately 1 "jar"?

Haines KB1GRM

Date: Wed, 13 Jun 2001 11:14:02 -0400
From: <brownh@hartford-hwp.com>
To: myetsko@insydesw.com
Cc: qrp-1@Lehigh.EDU
Subject: [99987] Re: Mobile phones may foil stealth bombers
Message-ID: <200106131514.f5DFE2w10922@hartford-hwp.com>

If stealth technology relies on not presenting an EM reflective surface that is perpendicular to the line of sight from the radar transmitter, a stealth device might nevertheless be easily detected if the radar transmitter and radar receiver were in different locations (I'll skip speculating on how such a radar system could be designed, based on atomic clock signals, etc.)

Rather, consider an article in QST for December 2000, p. 85 f., where 10 GHz amateur "DX" communications relies on bouncing a signal off an airplane located between the stations. It would seem that a stealth device would be more visible than ordinary planes in such a situation.

--

Haines Brown
brownh@hartford-hwp.com
www.hartford-hwp.com
KB1GRM

Date: Wed, 13 Jun 2001 12:53:37 -0500
From: George Franklin <w0av@juno.com>
To: ted@g0ull.fsnet.co.uk
Cc: qrp-1@Lehigh.EDU
Subject: [99988] Re: Wars and Capacitors
Message-ID: <20010613.125338.-1882389.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ted,

And don't forget to empty the pan under your grid leak and check the bandage on your bleeder.

73 de George/W0AV

Date: Wed, 13 Jun 2001 13:56:21 -0400
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <va6cw@look.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [99989] Re: Field Day
Message-ID: <007c01c0f432\$28631c60\$6d05b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Seems to me that the difference between 1B and 1B-Battery is the power level.

If you operate at a QRP level, you would be in Class 1B-Battery.

You must operate according to the limits of that class for the entire contest.

73,
Dick K2JQ

Date: Wed, 13 Jun 2001 14:03:44 -0400
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <k7qo@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [99990] Re: MH101, QRP-L CDR0M, es stuff
Message-ID: <008701c0f433\$31778600\$6d05b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Chuck Adams, K7Q0 <k7qo@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, June 12, 2001 12:12 PM

Subject: MH101, QRP-L CDRom, es stuff

>People waste a lot of bandwidth on the Internet and this
>group by copying the entire message. Please refrain from
>doing so.
>It doesn't take that much effort to save time and money....

Just judicious use of "Cut and Paste."

73,
Dick K2JQ

Date: Wed, 13 Jun 2001 14:02:27 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w5yr@att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [99991] Re: Mobile phones may foil stealth bombers
Message-ID: <00e101c0f433\$328bb520\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

True enough... But remember, in this case you are talking 6 digits or more for the wattage power figures, and probably solid metal reflective objects. He was probably more 'in tune' with the reflective interference issues than what was implied as being phase perturbations in the article that was originally referenced.

Mike

> Interesting . . .
>
> In the late 50's a friend of mine did his Ph.D in EE at UT Austin with a
> system he developed that tracked aircraft from perturbations in the TV
> signals received from several different stations. Note that the aircraft
> did not have to fly low enough to be in the space between the stations,
> etc. He could detect and track aircraft fairly high.
>
> 72/73, George W5YR

Date: Wed, 13 Jun 2001 13:32:19 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-1@lehigh.edu>
Subject: [99992] 13 Months
Message-ID: <000701c0f437\$4be129c0\$d3e9a0ce@aaacomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

After more than a year I finally finished my SMK-1.
You can see pictures of my work at <http://lightning.qrp.com/~wd9eyb/smk/>

I made one error in construction, I didn't solder one leg of Q6.
That caused the thing to not transmit. It was easy to find using just a
DMM. Soldering the leg fixed the problem. You can almost see that I
didn't solder the leg in the big picture of all the parts on the board.

I mounted my unit in a plastic box for 3 by 5 cards. There's lots of room
for batteries. It also holds the folded instructions that came with the
kit so I won't lose them. I've put pictures of outside and inside the box
on the web page.

Jim, WD9EYB

Date: Wed, 13 Jun 2001 14:50:06 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: ags@ieee.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [99993] Re: MFJ 33ft Mast?
Message-ID: <3B27B5DE.400F8F17@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Arthur G Silvers wrote:

>
> May have overstated MFJs return policy. They have a 1 year warranty
> but no statement about returns. Sorry for the misinformation.

I remembered them having such a policy, too, so I looked it up. From page 72 of the 2001 MFJ catalog (http://www.mfjenterprises.com/goodies/mfj2001_55-72.pdf):

"NO RISK ORDERING:

Order any product "directly" [note: the word "directly" is also boldface and underlined in the original] from MFJ Enterprises, Inc., Starkville MS and try it for 30 days. If not totally delighted, we'll cheerfully refund your purchase price (less shipping). No books or software included."

Oddly enough, though, I haven't been able to find that statement anywhere else on their web site, only hidden inside the PDF.

So it appears that they DO have a policy allowing returns of most products, although they're not making much effort to let people know about it. You might want to check with the customer service people before depending on it, though.

Date: Wed, 13 Jun 2001 13:54:16 -0500 (EST)
From: <igeq100@iupui.edu>
To: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [99994] Re: 13 Months
Message-ID: <Pine.GS0.3.96.1010613135306.760H-100000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim -

Nice job on the SMK-1, and a very nice set of photographs. Also nicely packaged. You've given me incentive to put mine back on the air.

72,

Rich, WB9LPU

Date: Wed, 13 Jun 2001 19:58:05 +0100
From: "Ted Williams" <ted@g0u11.fsnet.co.uk>

To: <brownh@hartford-hwp.com>
Cc: "QRP-L" <qrp-l@lehigh.edu>
Subject: [99995] Re: Wars and Capacitors
Message-ID: <014001c0f43a\$e2e7daa0\$ae98883e@tedspc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Haines:

Well done, you've got the cigar! (as I believe you say over there)

I didn't think anyone would recognise the reference to the Leyden jar, but you clearly know all about it.

I checked the spelling and found it is the name of a place in Holland.

I doubt the youngsters have even heard of it, but I remember it as an attachment to a Wimshurst machine - a super HV generator.

I can't imagine the capacitance being more than about 20 pF, but would give quite a jolt at 30 kV, say. Anyone got a conversion factor from jars to pF?

BTW: What's a Mason jar - I don't think we have those in England?

72/3 Ted g0ull

Date: Wed, 13 Jun 2001 13:06:10 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <va6cw@look.ca>
Subject: [99996] RE: Field Day
Message-ID: <005601c0f43b\$e967ddc0\$a6813389@dlco5ekda>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Al,

Even though you are entering as a class 1B (battery) station, send "1B" as your class in the exchange.

73 de Dave AB0GO

Date: Wed, 13 Jun 2001 15:39:53 -0400 (EDT)
From: <baltimoremd@baltimoremd.com>
To: Ted Williams <ted@g0ull.fsnet.co.uk>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [99997] Re: Wars and Capacitors
Message-ID: <Pine.BSI.4.05L.10106131536350.27970-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 13 Jun 2001, Ted Williams wrote:

>
> BTW: What's a Mason jar - I don't think we have those in England?

Mason Jars are used for canning...they come with metal screw-on caps(bands) and small covers that have a rubber ring on the inside surface....when you can something you boil the jar with the band and cover installed...the heat drives out air...and when the jar cools the rubber creates a seal.

Thom	
baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring
	and Drake Mail List Pages

Date: Wed, 13 Jun 2001 16:12:41 -0400
From: "Brian" <bmurrey@amexol.net>
To: <baltimoremd@baltimoremd.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [99998] Re: Wars and Capacitors
Message-ID: <000f01c0f445\$335b0de0\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Also referred to as a Ball jar....at least in the midwest where Ball jars used to be made.

Muncie Indiana, USA

----- Original Message -----

From: <baltimoremd@baltimoremd.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, June 13, 2001 3:39 PM
Subject: Re: Wars and Capacitors

> On Wed, 13 Jun 2001, Ted Williams wrote:

>

> >

> > BTW: What's a Mason jar - I don't think we have those in England?

>

> Mason Jars are used for canning...they come with metal screw-on
> caps(bands) and small covers that have a rubber ring on the inside
> surface....when you can something you boil the jar with the band and
> cover installed...the heat drives out air...and when the jar cools
> the rubber creates a seal.

>

> Thom

> baltimoremd@baltimoremd.com

> <http://www.baltimoremd.com/>

> <http://www.baltimorehon.com/>

> <http://www.zerobeat.net>

>

>

>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Wed, 13 Jun 2001 16:12:39 US/Eastern
From: n2cx@voicenet.com
To: ted@g0ull.fsnet.co.uk
Cc: qrp-1@lehigh.edu
Subject: [99999] Subject: Re: Wars and Capacitors
Message-ID: <200106132012.f5DKCfT110646@nss4.cc.lehigh.edu>

Ted et al,

I thought the reference to "jars" had something to do with consumption of an adult beverage and, by inference a secondary pun on "capacity."

Actually that fits in well with Mason jars since they are propoorted to be the

vessel

of choice in the southern part of the colonies for a certain distilled concoction known as "homebrew." Of course I wouldn't know anything about that!

See, it does all tie together...

72/73,

Joe E.,
N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Wed, 13 Jun 2001 13:13:26 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [100000] Re: MFJ 33ft Mast?
Message-ID: <20010613201326.7509.qmail@web14603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The MFJ and DK9SQ masts are not identical. Hoping that Peter Zenker doesn't object, I'm mirroring his posting to the FT817 reflector which had an identical thread about these masts just one week ago:

"Hello friends,

I am using DK9SQ masts since 20 years now. The last one i bought 2 years ago. If I compare the old SQ masts with the newest one, I see at least 3 generations of evolution. He started with a mast very similar to fishing poles, just a little bit longer. Very soon we as customers found out, that the weak point of this type was the connection between any two of the conical tubes. The second generation used a more stable wall material plus 3 times thicker

laminated ends on all thicker tubes.
This was a big step, but again we if we used the mast
very often, the same
week point.
The third Generation came up with some type of ring
over the upper end of
all tube. That made it. My last mast is looking like a
new one although I
used it under bad conditions (stormy weather in
winter, frost over night,
smelting water in day sun.)

This year in Dayton I took the Chance to have a look
at the MFJ pole. Its a
real good copy of the 2nd Generation DK9SQ.

72/73 de Peter, DL2FI"

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only \$35
a year! <http://personal.mail.yahoo.com/>

Date: Wed, 13 Jun 2001 09:06:57 -0700
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-1@lehigh.edu>
Cc: <brownh@hartford-hwp.com>
Subject: [100001] Re: Wars and Capacitors
Message-ID: <00d601c0f422\$df8e8a60\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not really, but I will still let an occasional kc slip out when talking
about RF below 10M ;-)

Gary

----- Original Message -----
From: <brownh@hartford-hwp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, June 13, 2001 2:44 AM
Subject: Re: Wars and Capacitors

> Speaking of age creeping up. . .
>
> I still sometimes call capacitors "condensers." Does anyone else do
> that?
>
> --
> Haines Brown
> brownh@hartford-hwp.com
> www.hartford-hwp.com
> KB1GRM
>

Date: Wed, 13 Jun 2001 16:39:22 -0400
From: <brownh@hartford-hwp.com>
To: ted@gOull.co.uk
Cc: qrp-1@Lehigh.EDU
Subject: [100002] Re: Wars and Capacitors
Message-ID: <200106132039.f5DKdMv11892@hartford-hwp.com>

> I didn't think anyone would recognise the reference to the Leyden
> jar, but you clearly know all about it. I checked the spelling and
> found it is the name of a place in Holland.

Well, the spelling depends on your native language. I prefer Lugdunum,
actually ;-)

> I doubt the youngsters have even heard of it, but I remember it as an
> attachment to a Wimshurst machine - a super HV generator.

Yup, sure enough. And I've been jolted by one of these old
dust-covered machines once found in every physics lab. They seem
always to have fed a jar condenser.

> BTW: What's a Mason jar - I don't think we have those in England?

Sorry. A Mason jar was a generally quart-sized wide mouthed jar sealed
with a red rubber grommet and a glass top secured by a wire hoop
attached to the jar itself. It was widely used for canning. Eventually
they came to be replaced by jars with gold-colored metal screw-on tops
with metal disk inserts with a plastic coating around its
circumference to form a seal with the glass rim (Ball Jars), and for
all I know, they may now be a thing of the past. There is also a
half-quart size, and a set of the rare half-pint jars makes an
excellent spice container. The glass was clear, but some older jars

are bluish-green. I suspect, but don't know, that canning in vacuum-sealed jars dates from ca. 1870 (a military spin-off technology or more likely an effect of industrialization).

The question remains: How many micro/picofarads is a jar? One could come close by calculation, I suppose.

Haines KB1GRM

Date: Wed, 13 Jun 2001 16:45:40 -0400
From: Dennis Terribile/WR4i <wr4i@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [100003] FA: Kenwood TS-130V QRP radio
Message-ID: <3B27D0F4.5B05E67D@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Kenwood TS-130V is an unusual QRP version of the TS-130 series HF xcvrs. Not too many of these were imported. This one is in very good condition with just a few minor scratches on the side panels. Overall, it's very nice cosmetically. I have used it on all bands and modes and everything checks out great. REALLY NICE receive audio! (as good as my old HQ-180 "hi-fi" radio!) MAX CW out is @10 watts (you can crank it down to less than 5 watts).. Narrow CW (500Hz) and 1.8 KHz SSB FL are installed...switched from the front panel. Mic, DC power cable Manual and Service manuals included (reprints). This is a great little QRP rig and is hard to find...especially one in nice condition. Runs fine off smaller regulated ps (800ma rec/3~5A xmit)

Please e-mail me if you have any questions.

70 Trees,
Dennis/WR4i
<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1246293064>
(ENDS 6/20/01)

Some pixs>

<http://www.mindspring.com/~wr4i/EBay/TS-130V.jpg>
http://www.mindspring.com/~wr4i/EBay/TS-130V_b.jpg

Date: Wed, 13 Jun 2001 13:50:22 -0700
From: "laura halliday" <marsgal42@hotmail.com>

To: qrp-1@lehigh.edu
Subject: [100004] Parts sources (was: Need Replacement for CA3160 Op Amp)
Message-ID: <F180KHvyo3DjFbUcOV100001768@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

When people post such requests, could they please mention where they have looked for components?

It saves time, since there would be no point in posting useless information. It would be handy for others looking for parts, who would then know where not to look and thus not waste their time.

FWIW: in 5 minutes I found 5 sources for CA3160: Newark, Future/Active, Digi-Key and Barend Hendriksen. Mouser have an SK-series part that subs for CA3160. Digi-Key are back-ordered, but the others all have stock.

It might help to actually **look** before bitching about parts availability.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Wed, 13 Jun 2001 16:57:20 -0400
From: "ZOOM" <kandrparker@sympatico.ca>
To: <j.p.osburn@ieee.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100005] Re: 13 Months
Message-ID: <009b01c0f44b\$707c6920\$3294fea9@robertpa>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Great job on the SMK-1. I built mine some time ago and in order to view the SMT components for soldering, I modified an older video camera (you know the ones that you had to carry your own VRC to record!) and connected it to a monitor. I just zoom in and solder while watching the monitor. No eye strain and it worked perfect.

This is a great way for those who have trouble seeing the tiny components

solder SMT projects.

Looks like you had great results on yours. Excellent photos.

Cheers,
Robert
VE3RPF

----- Original Message -----

From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, June 13, 2001 2:32 PM
Subject: 13 Months

> After more than a year I finally finished my SMK-1.
> You can see pictures of my work at <http://lightning.qrp.com/~wd9eyb/smk/>
>
> I made one error in construction, I didn't solder one leg of Q6.
> That caused the thing to not transmit. It was easy to find using just a
> DMM. Soldering the leg fixed the problem. You can almost see that I
> didn't solder the leg in the big picture of all the parts on the board.
>
> I mounted my unit in a plastic box for 3 by 5 cards. There's lots of room
> for batteries. It also holds the folded instructions that came with the
> kit so I won't lose them. I've put pictures of outside and inside the box
> on the web page.
>
> Jim, WD9EYB
>
>

Date: Wed, 13 Jun 2001 17:05:06 -0400
From: "ZOOM" <kandrparker@sympatico.ca>
To: <marsgal42@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100006] Re: Parts sources (was: Need Replacement for CA3160 Op Amp)
Message-ID: <00cd01c0f44c\$85e14a00\$3294fea9@robertpa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well we all sometimes get tunnel thinking and perhaps rely on this group to help solve all out problems. The obvious is not alway obvious!

Kindest Regards,
Robert
VE3RPF

----- Original Message -----

From: "laura halliday" <marsgal42@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, June 13, 2001 4:50 PM
Subject: Parts sources (was: Need Replacement for CA3160 Op Amp)

> When people post such requests, could they please mention
> where they have looked for components?
>
> It saves time, since there would be no point in posting
> useless information. It would be handy for others looking
> for parts, who would then know where not to look and thus
> not waste their time.
>
> FWIW: in 5 minutes I found 5 sources for CA3160: Newark,
> Future/Active, Digi-Key and Barend Hendriksen. Mouser
> have an SK-series part that subs for CA3160. Digi-Key
> are back-ordered, but the others all have stock.
>
> It might help to actually *look* before bitching about
> parts availability.
>
> Laura Halliday VE7LDH "Que les nuages soient notre
> Grid: CN89mg pied a terre..."
> ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte
>

> Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.
>

Date: Wed, 13 Jun 2001 21:12:01 +0100
From: "L. Jeffrey Hetherington" <jeff@systems95.com>
To: qrp-1@lehigh.edu
Subject: [100007] TiCK 2B Keyer Schematic?????
Message-ID: <3B27C911.80702@systems95.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hello Everybody.

I have a partially built TiCK 2B keyer ... unfortunately, when I moved I lost the instructions / schematic.

Is there anybody out there with the same keyer that can copy or email me a scan of the schematic and instructions?

Thanks.

73/72

Jeff - VA3JFF

<http://www.systems95.com/users/jeffh/>

Date: Wed, 13 Jun 2001 21:29:59 +0100
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [100008] NBS Tech Note 688 online ?
Message-ID: <200106132128.QAA41107@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Anyone know where this note might be hiding online? This is the note on Yagi Antenna Design by P. P. Viezbicke, Dec 1976...

Can find thousands of references, but no actual doc...

Larry KA5T
Georgetown, Texas

Date: Wed, 13 Jun 2001 17:31:42 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100009] FOX: Pesky Texans de KB1ENS - no show from the hound
Message-ID: <3B27DBBE.CADA3E70@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Due to circumstances beyond my control, I was in San Diego (which is all the way across the country and down) this weekend. I just got home a few hours ago.

I was very much looking forward to the Pesky Texan Fox Hunt - what a great idea and it sounds like it was a great success. Way to go to all the Pesky Texans who played the Fox, I wish I could have been out gunnin' for y'all. I'm sorely disappointed about missing this event. Even if I had brought some gear on the trip, I would have been flying at the time of the hunt.

I think it would be great if other clubs organized these types of shootouts in other states (like WY - hint hint!!!!). I don't know if we have enough interest up here in VT, but I think we might be able to drum up some Green Mountain Foxii.

So once again, nice job to the Pesky Texans - do it again and I'll make a point to be there!

73 all,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Date: Wed, 13 Jun 2001 17:36:30 -0400

From: <brownh@hartford-hwp.com>

To: n2cx@voicenet.com

Cc: qrp-1@Lehigh.EDU

Subject: [100010] Re: Subject: Re: Wars and Capacitors

Message-ID: <200106132136.f5DLaUH12103@hartford-hwp.com>

> Actually that fits in well with Mason jars since they are purported
> to be the vessel of choice in the southern part of the colonies for
> a certain distilled concoction known as "homebrew." Of course I
> wouldn't know anything about that!

Gosh - way off topic, but this does bring back memories. One of a youthful visit to Frederick, Maryland. When there I was taken to a still deep in the woods. Because I was very young, I didn't pay much attention to the still itself, but did find interesting the homebrew whiskey in mason jars carefully placed inside spare tires for transport to the customer. If you held the jar up you could see the tiny flecks of charcoal floating in it. But the only thing close to

homebrew that I drank was "pink lady" (torpedo fuel) in my coffee, and, if you were on friendly terms with the quartermaster, undenatured gyro alcohol (used in a submarine gyroscope). Later in life, I did taste some excellent brandy distilled at home from apple "wine."

Haines KB1GRM

Date: Wed, 13 Jun 2001 17:36:53 -0500
From: "George, W5YR" <w5yr@att.net>
To: john@neknetwork.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100011] Re: FOX: Pesky Texans de KB1ENS - no show from the hound
Message-ID: <3B27EB05.92A7DC5F@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Naw, John, like we say in Texas "We done showed you how, and now its youalls turn!"

When is the Green Mountain Fox Hunt scheduled? <:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

John Wagner wrote:

> So once again, nice job to the Pesky Texans - do it again and I'll make
> a point to be there!

Date: Wed, 13 Jun 2001 18:52:41 -0400
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <dtx@wood.tzo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100012] Re: Wars and Capacitors
Message-ID: <011001c0f45b\$8e14c120\$f904b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I still remember when part of an automotive tune-up was "points and condenser."

Dick K2JQ

-----Original Message-----

From: DTX <dtx@wood.tzo.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Wednesday, June 13, 2001 4:21 PM

Subject: Re: Wars and Capacitors

>Not really, but I will still let an occasional kc slip out when talking
>about RF below 10M ;-)

>

>Gary

Date: Wed, 13 Jun 2001 17:57:45 -0400

From: Michael Neverdosky <michaeln@cfl.rr.com>

To: qrp-l@Lehigh.EDU

Subject: [100013] Re: Was My KAM Eprom is not working properly (results)

Message-ID: <5.1.0.14.0.20010613175203.009f55f0@pop3.norton.antivirus>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:19 AM 06/13/2001, you wrote:

>This come to the question of how long will an electrolytic capacitor
>last?? (normally) and what makes it goes bad early, since here in
>YB land there are quite a number of old transcievers and I bet those
>transcievers electrolytic capacitors will go bad one of these days
>and what are the symptoms of a bad electrolytic capacitor ?

Go to;

<http://members.ozemail.com.au/~bobpar/esrmeter.htm>

Read the page and follow the link for electrolytic capacitor ESR problem;

<http://members.ozemail.com.au/~bobpar/esrtext.htm>

These pages give the best explanation of the problem and the best tool to fix it. Using the ESR meter I can check all of the electrolytics in a rig or TV in a very short time. No unsoldering required until time to replace the failed caps.

michael AMA 77292 N6CHV

End of QRP-L Digest 2219
